ieee.txt

IEEE Search (ieeexplore.ieee.org): Queries ***********

(block truncation coding) <or> btc

(image compression using block truncation coding)

(block truncation coding) <and> ((multi level) <or> multilevel <or> hi erarchical <or> pyramid)

(block truncation) <and> (residual <or> residuals)

ERY 20104891.pn. 4699.pn. o-wade.as. o-wada as. lo-wada).as. lo and wada).in. o and wada).in. -ant\$10 or otto10).in. 146763") or	EAST SEARCH	ARCH HISTORY	
1699.pn. 1514.pn. 160.as. 160.as. 160.as. 160.as. 160.in. 160.in.	HITS	QUERY	DATABASE
1699.pn. 1514.pn. 1-wade.as. 0-wada).as. 0 and wada).in. 0 and wada).in. 10).in. 146763") or		2 20020104891.pn.	USPAT; US-PGPUB;
1699.pn. 1514.pn. 1-wade.as. 0-wada).as. 0 and wada).in. 0 and wada).in. 10).in. 146763") or			EPO; JPO; DERWENT; IBM_TDB
1514.pn. -wade.as. o-wada).as. o and wada).in. o and wada).in. 10).in. 146763") or		2 5214699.pn.	USPAT; US-PGPUB;
1514.pn. -wade.as. o-wada).as. o and wada).in. ant\$10 or otto- 10).in. 146763") or			EPO, JPO, DERWENT,
o and wada).in. 1514.pn. o-wada.as. o and wada).as. o and wada).in. 10).in. 146763") or 15937")).PN.			IBM_TDB
o-wade.as. o-wada).as. o and wada).in. o and wada).in. 10).in. 146763") or 167937").PN.		2 6244514.pn.	USPAT; US-PGPUB;
o and wada).in. o and wada).in. o and wada).in. 10).in. 146763") or 17937")).PN.			EPO; JPO; DERWENT;
o-wade.as. o-wada).as. o and wada).in. o and wada).in. 10).in. 146763") or 17937")).PN.			IBM_TDB
o-wada).as. o-wada).as. o and wada).inant\$10 or otto- 10).in. 46763") or		0 ayao-wade.as.	USPAT; US-PGPUB;
o-wada).as. o-wada).as. o and wada).in. o and wada).in. 10).in. 146763") or			EPO; JPO; DERWENT;
o-wada).as. o-wada).as. o and wada).in. o and wada).inant\$10 or otto- 10).in. 46763") or			IBM_TDB
o-wada).as. o).as. o and wada).inant\$10 or otto- 10).in. 46763") or		0 ayao wada	USPAT; US-PGPUB;
o-wada).as. o).as. o and wada).in. and wada).inant\$10 or otto- 10).in. 46763") or			EPO; JPO; DERWENT;
o-wada).as. o).as. o and wada).in. o and wada).inant\$10 or otto- 10).in. 46763") or			IBM_TDB
o).as. o and wada).as. o and wada).inant\$10 or otto- 10).in. 46763") or		0 (ayao-wada).as.	USPAT; US-PGPUB;
o).as. o and wada).as. o and wada).inant\$10 or otto- 10).in. 46763") or		•••	EPO; JPO; DERWENT;
o).as. o and wada).as. o and wada).in. ant\$10 or otto- 10).in. 76763") or			IBM_TDB
o and wada).as. o and wada).in. ant\$10 or otto- 10).in. 46763") or		55 (ayao).as.	USPAT; US-PGPUB;
o and wada).as. o and wada).in. ant\$10 or otto- 10).in. 76763") or			EPO; JPO; DERWENT;
o and wada).as. o and wada).in. ant\$10 or otto- 10).in. 46763") or			IBM_TD8
o and wada).in. ant\$10 or otto- 10).in. 46763") or		30 (ayao and wada).as.	USPAT; US-PGPUB;
o and wada).inant\$10 or otto- 10).in. 46763") or			EPO; JPO; DERWENT;
o and wada).inant\$10 or otto- 10).in. 46763") or			
		27 (ayao and wada).in.	USPAT; US-PGPUB;
			EPO; JPO; DERWENT;
		18 (otto-ant\$10 or otto-	USPAT; US-PGPUB;
		ton\$10).in.	EPO; JPO; DERWENT;
			IBM_TDB
_		4 (("6046763") or	USPAT, US-PGPUB;
		(00 100)).F.M.	IBM TDB

r	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
ľ			
		·	
6. 10 Oc. 1. Co.	USPA I; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10.0% - 1-1-1	(luminance near5 (luminance near5 (chrominance or chroma or IB chromaticity))) same ((look adj1 up adj1 table) or (look2up adj1 table) or (look2up adj1 table) or (look2up?table) or (lookup?table) or lut)	43 (cielab or YCrCb or (luminance near5 E (chrominance or chroma or chromaticity))) same ((look adj1 up adj1 table) or (look/up adj1 table) or (look/up adj1 table) or (look/up?table) or (lookup?table) or (lookup?table) or (lookup?table) or add	63 (cielab or YCrCb or YUV or (uminance near5 (chrominance or chroma or chromaticity))) same ((look adj1 up adj1 table) or (look/up adj1 table) or (look/up?table) or (look/up?table) or (lookup adj1 and 382.clas. and @ad<19980420
1707	04	£	9 3 3 3 3 6
			

EAE3173	4 1 4 4 4 4 4 4 4	_	_	_		
5 - 70+0	6463173-\$ or US-6694061-\$					
or US-56	304610-\$ or US-					
5602941-	-\$ or US-5572236-\$					
or US-55	43936-\$ or US-					
5539540-	-\$ or US-5533173-\$					
or US-55;	53847-\$ or US-					
5450500-	-\$ or US-5450216-\$					
or US-54	02513-\$ or US-					
5402506-	-\$ or US-5379351-\$					
or US-53	41226-\$ or US-					
5335292-	-\$ or US-5333262-\$					
or US-49(165845-\$ or US-					
4777598-	-\$ or US-5619590-\$					
or US-56	19597-\$ or US-					
5666436-	-\$ or US-5694484-\$					
or US-57	10824-\$ or US-				-	
5729631-	-\$).did. or (US-					
5790712-	-\$ or US-5805228-\$					
or US-58	18970-\$ or US-					
5831678-	-\$ or US-5832133-\$					
or US-58;	35244-\$ or US-					
5835637-	-\$ or US-5850471-\$					
or US-58¢	64681-\$ or US-					
5867143-	-\$ or US-5881168-\$					
or US-588	87084-\$ or US-					
5905812-	-\$ or US-5909249-\$	•		-		
or US-592	26226-\$ or US-					
5937104-	-\$ or US-5963263-\$					
or US-596	63675-\$ or US-					
5966461-	-\$ or US-6002795-\$					
or US-600	02809-\$ or US-					
:-8965009	-\$ or US-6009192-\$					
or US-601	11595-\$ or US-					
6026179-	-\$ or US-6028960-\$					
or US-603	31937-\$).did. or (US-			-		
6034667-	-\$ or US-6052491-\$					
or US-606	or US-6069982-\$ or US-					
(6072830-	\$ or US-6075886-\$					

USPAT; US-PGPUB; EPO; JPO; DERWENT;	IBM_TDB																																			_
63 ((US-6269184-\$ or US- US- US- C463173-\$ or US-6694061-\$ EI	or US-5604610-\$ or US-	or US-5543936-\$ or US-	5539540-\$ or US-5533173-\$	or US-5523847-\$ or US-	5450500-\$ or US-5450216-\$	or US-5402513-\$ or US-	5402506-\$ or US-5379351-\$	or US-5341226-\$ or US-	5335292-\$ or US-5333262-\$	or US-4965845-\$ or US-	4777598-\$ or US-5619590-\$	or US-5619597-\$ or US-	5666436-\$ or US-5694484-\$	or US-5710824-\$ or US-	5729631-\$).did. or (US-	5790712-\$ or US-5805228-\$	or US-5818970-\$ or US-	5831678-\$ or US-5832133-\$	or US-5835244-\$ or US-	5835637-\$ or US-5850471-\$	or US-5864681-\$ or US-	5867143-\$ or US-5881168-\$	or US-5887084-\$ or US-	5905812-\$ or US-5909249-\$	or US-5926226-\$ or US-	5937104-\$ or US-5963263-\$	or US-5963675-\$ or US-	5966461-\$ or US-6002795-\$	or US-6002809-\$ or US-	6005968-\$ or US-6009192-\$	or US-6011595-\$ or US-	6026179-\$ or US-6028960-\$	or US-6031937-\$).did. or (US-	6034667-\$ or US-6052491-\$	or US-6069982-\$ or US-	A077930 € 01110 A075996 €
<u>. </u>																																				

•

	·							,
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB		-PGPUB; DERWENT;	PGPUB; DERWENT;				PGPUB; DERWENT;
	Ω	USPAT	ut USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	BM_TDB	USPAT	USPAT	USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6 (cielab or YCrCb or YUV or (luminance near5 (chrominance or chroma or chromaticity))) same (((look adj1 up adj1 table) or (look'up adj1 table) or (look'up adj1 table) or (look'up?table) or (look'up?ta	30 (cielab or YCrCb or YUV or (luminance near5 (chrominance or chroma or chromaticity))) and (((look adj1 up adj1 table) or (look/up adj1 table) or (lookup adj1 table) or (lookup adj1 table) or (lookup adj1 table) or (lookup adj1 table) or (lookup?table) or (look	1 (US-5872556-\$).did.	1 ((US-5872556-\$).did.) and (lut USPAT; US-PGPUB; or lookup or look?up)	253 (YCrCb or YUV or (luminance near5 (chrominance or chroma or chromaticity))) same ((look adj1 up adj1 table) or (lookup adj1 table) or (lookup adj1 table) or (lookup?table) or (lookup?table) or (lookup?table) or (lookup?table) or lut) and @ad<19980420	18 5914753.URPN.	18 5914753.URPN.	1 6356588.URPN.	2 6356588.pn.

USPAT; US-PGPUB;	EFC, JPC, DERWENT,	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	SPAT	USPAT	USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
ma?key or (chroma adj1			31 ((chroma?key or (chroma adj1 Ukey) or chromakey) and delta) Eand @ad<19980420	1 (US-20020104891-\$).did.	1 ((US-20020104891-\$).did.) and (delta or ".delta")	931 stor\$6 with ((block adj order) U or (level adj order)) E II	=	5 stor\$6 with ((block adj order) USPAT; US-PGPUB; or (level adj order)) and ((multi EPO; JPO; DERWENT; adj1 level) or multi?level or hierarchical or pyramid) and (382.clas. or 358.clas. or 345.clas. or 348.clas.) and @ad<19980420	or ("6215421") or or .PN.				3205 matrix same ((look adj1 up diadj1 table) or ((look?up) adj1 Eltable) or (lookup adj1 table) or Iut)

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; BM_TDB
F 6 F		or and	109 ((linear adj1 system) or transform\$6 or matrix) same ((several or multiple or "set of" or collection) with ((look adj1 up adj1 table) or ((look?up) adj1 table) or ((lookvup adj1 table) or (lookup adj1 table) or lut)) and @ad<19980420	2 4829455.pn. (US-4829455-\$).did. 1 (US-4829455-\$).did. 1 ((look adj1 up adj1 table) or ((look?up) adj1 table) or (look?up) adj1 table) or lut) and line

				4882754" "5046119" USPAT 442459" "5564001" 621826" "5636292" 706216" "5706368" 761394" "5778102"
5 (block ADJ truncation ADJ coding) AND (chroma?key OR (chroma ADJ key) OR chromakey) 76 ((classif&6 or (region adj2 interest) or busy&6 or busi&6	or uniform\$4 or flat\$5 or categ\$8) with compress\$6) and (variable near length) and (codebook or code?book or (code adj1 book))	V T 4 T A V V V V	11 ("4882754" "5046119" "5442459" "5564001" "5621826" "5636292" "5706216" "5706368" "5761394" "5778102" "5914753").PN.	11 ("4882754" "5046119" "542459" "5564001" "5621826" "5636292" "5706216" "5706368" "576134" "5778102" "5914753").PN.

USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT
11 (US-4882754-\$ or US-5046119-\$ or US-5542459-\$ or US-5564001-\$ or US-5621826-\$ or US-5636292-\$ or US-5778102-\$ or US-5761394-\$ or US-5706216-\$ or US-5914753-\$).did.	1 ((US-4882754-\$ or US-5046119-\$ or US-5424259-\$ or US-5564001-\$ or US-5621826-\$ or US-5636292-\$ or US-5778102-\$ or US-5778102-\$ or US-5706216-\$ or US-5706216-\$ or US-5706216-\$ or US-3914753-\$) or btc)	21 ((five or "5") near2 pixel) with filter\$5 with target	3 ((five or "5") near2 pixel) with filter\$5 with target and @ad<19980420	(image with compress\$5) and @ad<19980420	13 ((smart adj1 card) or smartcard or smart?card) same (image with compress\$5) and @ad<19980420	5321751.pn.	914 (card) same (image with compress\$5) and @ad<19980420	1 (US-5321751-\$).did. 1 (US-5321751-\$).did.
		21 (<u>E</u>	12	13	2 5	914(0)	1 (

	-																									
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB;	EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB;	EPO; JPO; DERWENT;	IBM_IDB			USPAT		USPAT; US-PGPUB;	EPO; JPO; DERWENT;			USPAT; US-PGPUB;	EPO; JPO; DERWENT;	IBM_TDB	USPAT; US-PGPUB;	EPO; JPO; DERWENT;	IBM_TDB			USPAT	USPAT	TADAT
).did.) and		439956 (card) wiht (image with compress\$5) and @ad<19980420	652 (card) with (image with	compress\$5) and @ad<19980420	40 ((card) with (image with	compress\$5)) same (face or	reting or finderwint or	verification) and	@ad<19980420		5760386-\$ or US-5727089-	3 ((smart adj1 card) or	Smartcard or smart?card) and EPO; JPO; DERWENT;	-680	\$).did.)		r (chroma	adj1 key\$6)) and @ad<19980420		chroma?key\$6 or (chroma		@ad<19980420) and	ulti\$10.as.	0 8201972.URPN.		12 5424781 LIDDN

	:			
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10 ((chromakey\$6 or chroma?key\$6 or (chroma adj1 key\$6)) and @ad<19980420) and (ulti\$15.as. or adobe\$15.as.)	25716 ((chromakey\$6 or chroma chroma?key\$6 or (chroma adj1 key\$6)) or keying or (blue?screen\$4 or (blue adj1 screen\$4) or bluescreen\$4)) and @ad<19980420	1187 ((chromakey\$6 or chroma chroma?key\$6 or (chroma adj1 key\$6)) or (blue?screen\$4 or (blue adj1 screen\$4) or bluescreen\$4)) and @ad<19980420	16 (((chromakey\$6 or chroma chroma?key\$6 or (chroma adj1 key\$6)) or (blue?screen\$4 or (blue adj1 screen\$4) or bluescreen\$4)) and @ad<19980420) and (ulti\$15.as. or adobe\$15.as.)	6 ((chromakey\$6 or chroma?key\$6 or (chroma adj1 key\$6)) or (blue?screen\$4 or (blue adj1 screen\$4) or bluescreen\$4) or keying) and ((matte or silhouette or mask) same (morphological or erosion or erod\$5 or dilat\$6 or (morphological near (open\$4 or clos\$4))) and @ad<19980420
0	25716	1187	0 0 0 0 0	(C)

vent;	WENT;	ouB; WENT;	WENT;	VB; WENT;	VENT;	VENT:
USPAT, US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO, JPO; DERWENT; IBM_TDB USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; 1 IBM_TDB	e USPAT; US-PGPUB; EPO; JPO; DERWENT; I IBM_TDB
chromakey\$6 or chroma adj1 key\$6) or (blue?screen\$4 or (blue adj1 screen\$4) or bluescreen\$4) or keying) and ((matte or silhouette or mask) and (morphological or erosion or erod\$5 or dilat\$6 or (morphological near (open\$4 or clos\$4))) and @ad<19980420	4 4100569.pn. 4 (US-5907315-\$ or US- 5953076-\$ or US-	or US-5914748-\$).did. 3 ((US-5907315-\$ or US- 5953076-\$ or US-6035060-\$ or US-5914748-\$).did.) and (compress\$8 or encod\$6 or cod\$6)	8 ((smart adj1 card) or smartcard or smart?card) same (image with compress\$5) and (cpu or processor or chip) and @ad<19980420	0 ((neighbor or neighbour) with filter\$5 with image) same compress	((neighbor or neighbour) with USPAT; L filter\$5 same image) same EPO; JPC (compress\$6 or encod\$5) and IBM_TDB @ad<19980420	((neighbor or neighbour) same USPAT; US-PGPUB; filter\$5 same image) same EPO; JPO; DERWER (compress\$6 or encod\$5) and IBM_TDB @ad<19980420
52	4 4	, m	σ	0	12	28

filter\$5 same (image or pixel)) EPO; JPO; DERWENT; and @ad<19980420	USPAT, US-PGPUB: EPO; JPO; DERWENT; IBM_TDB
80 ((neighbor or neighbour) with USPAT; US-PGPUB; filter\$5 same (image or pixel)) EPO; JPO; DERWENT; and (compress\$8 or encod\$6) IBM_TDB and @ad<19980420	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

•

5537483-\$ or US-5524068-\$
or US-5517248-\$ or US-

8	80 ((neighbor or neighbour) with	USPAT; US-PGPUB;			
	filter\$5 same (image or pixel))				
		IBM_TDB			-
	5805735-\$ or US-5809161-\$				
	or US-5832135-\$ or US-				
	5973692-\$ or US-5917962-\$				
	or US-5896176-\$ or US-		-	_	
	5875264-\$ or US-5844627-\$				
	or US-5841882-\$ or US-				
	5835618-\$ or US-5832140-\$				
	or US-6067125-\$ or US-				
	6026183-\$ or US-6005582-\$				
	or US-6272253-\$ or US-				
	6249610-\$ or US-6192265-\$			_	
	or US-6184893-\$ or US-				
	6366694-\$ or US-6288743-\$			-	
	or US-6181819-\$ or US-				
	6157749-\$ or US-6115496-\$				
	or US-6078307-\$ or US-				
	6388706-\$).did. or (US-				
	6473533-\$ or US-6392699-\$		-	-	
	or US-4928313-\$ or US-				
	4918523-\$ or US-4905151-\$				
	or US-4897803-\$ or US-				
	4868653-\$ or US-4785356-\$				
	or US-4785349-\$ or US-				
	4742552-\$ or US-4695884-\$				
	or US-4599656-\$ or US-				
	4558370-\$ or US-4513374-\$				
	or US-4504864-\$ or US-				
	4463380-\$ or US-5799111-\$				
	or US-5792610-\$ or US-				
	5768405-\$ or US-5759781-\$				
	or US-5754697-\$ or US-				
	5751861-\$ or US-5719594-\$				
	or US-5717463-\$ or US-	-			
	5691775-\$ or US-5600582-\$				
	or US-5583947-\$).did. or (US-				
	553/483-8 or US-5524068-8		_		_

	(filter\$5 with (noise or artifact)) EPO; JPO; DERWENT; same (image or pixel)) and IBM_TDB ((US-5804836-\$ or US-	
	5805735-\$ or US-5809161-\$ or US-5832135-\$ or US- 5873692-\$ or US-5917862-\$	
	or US-5896176-\$ or US-5875264-\$ or US-5841882-\$ or US-0S-5841882-\$ or US-5841882-\$ or US-58418	
	5835618-\$ or US-5832140-\$ or US-6067125-\$ or US-	
	or US-6272253-\$ or US-6192265-\$	
	or US-6184893-\$ or US- 6366694-\$ or US-6288743-\$ or US-6181819-\$ or US-	
	6157749-\$ or US-6115496-\$ or US-6078307-\$ or US- 6388706-\$).did. or (US- 6473533-\$ or US-6392699-\$	
	or US-492813-\$ or US- or US-492813-\$ or US- 4918523-\$ or US- AR68653-\$ or US-4785356-\$	
	or US-4785349-\$ or US-4785349-\$ or US-4785349-\$ or US-4695884-\$ or US-4599656-\$ or US-459956-\$ o	
	4463380-\$ or US-5799111-\$ or US-5792610-\$ or US-	
4,04,04	5768405-\$ or US-5759781-\$ or US-5754697-\$ or US- 5751861-\$ or US-5719594-\$ or US-5717463-\$ or US- 5691775-\$ or US-	

15 (US-5412487-\$ or US-6125199-\$ 6262778-\$ or US-6125199-\$ or US-5907315-\$ or US- 5727089-\$ or US-5321751-\$ or US-5706368-\$ or US- 6035060-\$ or US-5914748-\$ or US-5848195-\$ or US- 5495297-\$ or US-6377272-\$ or US-8429455-\$ or US- 5953076-\$ or US-5821983- \$\$).did.	7 ((US-5412487-\$ or US-6262778-\$ or US-6262778-\$ or US-6262778-\$ or US-6307315-\$ or US-6321751-\$ or US-5321751-\$ or US-5321751-\$ or US-5321751-\$ or US-5348195-\$ or US-5348195-\$ or US-635060-\$ or US-6377272-\$ or US-635076-\$ or US-6377272-\$	oour) same or artifact)) el)) and cod\$6) and	1 (US-4504864-\$).did. USPAT 1 (neighbor or neighbour) and USPAT; US-PGPUB; (US-4504864-\$).did.) EPO; JPO; DERWENT; IBM_TDB	117 ((neighbor\$4 or neighbour\$4) USPAT; US-PGPUB; same (filter\$5 with (noise or EPO; JPO; DERWENT; artifact)) same (image or IBM_TDB pixel)) and (compress\$6 or encod\$6) and @ad<19980420
15 (US-54124 6262778-\$ or US-590 5727089-\$ or US-570 or US-584 or US-684 or US-482 or US-482	7 ((US-5412, 6262778-\$ or US-590, 5727089-\$ or US-570, or US-584, 5495297-\$ or US-487-\$ s953076-\$	26 ((neighbor (filter\$5 wil same (ima (compress @ad<1996	1 (US-45048 1 (neighbor o	117 ((neighbork same (filter same (filter artifact)) sc pixel)) and encod\$6) s

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43 ((neighbor\$4 or neighbour\$4) USPAT, US-PGPUB, with filter\$5 same image) EPO; JPO; DERWEN same (compress\$6 or IBM_TDB encod\$5) and @ad<19980420	1 ((US-4504864-\$).did.) and (neigh\$8)	300 ((ycrcb or yuv or (Y?U?V) or (Y?U?V) or (Y?Cr?Cb) or (Y?Cr?Cb) or (Y?Cr?Cb) or (Y?" adj1 "U" adj1 "V") or ("Y" adj1 "Cr" adj1 "Cb") or ("Y" adj1 "Cr" adj1 "Cb") or ("Y" adj1 "Cr" adj1 "Cb") near3 conver\$8) same (compress\$8 or encod\$6) and @ad<19980420	22 ((ycrcb or yuv or (Y?U?V) or (y?u?v) or (Y?Cr?Cb) or (y?u?v) or (Y?Cr?Cb) or (y?Cr?Cb) or (y?Cr?Cb) or ("y" adj1 "u" adj1 "v") or ("y" adj1 "Cr" adj1 "Cb") or ("y" adj1 "Cr" adj1 "Cb") near3 conver\$8) same ((look?up adj1 table) or (look adj1 "up" adj1 table) or (look adj1 "up" adj1 table) or LUT) same (compress\$8 or encod\$6) and @ad<19980420	1 (US-5727089-\$).did.	0 ((US-5727089-\$).did.) and color	0 ((US-5727089-\$).did.) and colour	1 ((US-5727089-\$).did.) and tone
43	7	0000	25	1(0	0	<u> </u>

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7 ((background with residual) with encod\$5) and @ad<19980420	20 ((background with residual) same encod\$5) and @ad<19980420	'3 (pixel or ual) same ad<19980420	22 (((reference near3 (pixel or color)) with residual)) and @ad<19980420	pug	1586 ((((fixed or constant)) with residual) and (encod\$6 or compress\$6) and @ad<19980420	19 (((fixed or constant)) with USPAT; Lesidual with color)) and EPO; JPC (encod\$6 or compress\$6) and IBM_TDB @ad<19980420	14022 ((((constant or reference or fixed or predefined or EPO; JPC predetermined) near2 (color or IBM_TDB pixel or block or value)) or background) with (residual or error or difference or differential)) and (compress\$6 or encod\$6) and @ad<19980420

USPAT; US-PGPUB; EPO; JPO; DERWENT; rIBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; rIBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
fixed or predefined or EPO; JPO; DS-fixed or predefined or EPO; JPO; D predetermined) near2 (color or IBM_TDB pixel or block or value)) or background) with (residual or error or difference or differential)) and (compress\$6 or encod\$6) and 382.clas. and @ad<19980420	290 ((((constant or reference or fixed or predefined or predetermined) near2 (color or IBM_TDB pixel or block or value)) or background) with (residual or error or difference or differential)) same (compress\$6 or encod\$6) and 382.clas. and @ad<19980420	fixed or predefined or predetermined) near2 (color or IBM_TDB pixel or block or value)) or background) with (residual or error or difference or differential)) same (compress\$6 or encod\$6) and (multilevel or multi?level or hierarchical or quad?tree or pyramid or decimat\$6) and 382.clas. and @ad<19980420

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
fixed or predefined or EPO; JPO; I predetermined) near2 (color or IBM_TDB pixel or block or value)) or background) with (residual or error or difference or differential)) same (compress\$6 or encod\$6) and (btc or (block adj1 truncation) or dpcm or (differential adj1 pulse)) and 382.clas. and @ad<19980420	40) ((((constant or reference or fixed or predefined or predefermined) neart (color or IBM_TDB pixel or block or value)) or background) with (residual or error or difference or differential)) same (compress\$6 or encod\$6) and (btc or (block adj1 truncation) or dpcm or (differential adj1 pulse)) and 382.clas. and @ad<19980420	46 ((((constant or reference or L fixed or predefined or predefermined) adj1 (color or pixel or block or value)) or background) with (residual or error or difference or differential)) same (compress\$6 or encod\$6) and (multilevel or multi?level or hierarchical or quad?tree or pyramid or decimat\$6) and 382.clas. and @ad<19980420

4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
5946419-\$ or US-5959672-\$	 			
or US-5970173-\$ or US-				
5991444-\$ or US-5991449-\$				
or US-6014463-\$ or US-				
5748780-\$ or US-5682208-\$				
or US-5668897-\$ or US-				
5649032-\$ or US-5629737-\$				
or US-5740278-\$ or US-	 			
5708732-\$ or US-5764814-\$				
or US-5748807-\$ or US-				
5768438-\$ or US-5778192-\$				
or US-5835637-\$ or US-				
5832115-\$ or US-5793658-\$				
or US-5903660-\$ or US-				
4602383-\$ or US-4319267-\$		•		
or US-5068911-\$ or US-				
5490221-\$).did. or (US-				
5367629-\$ or US-5303313-\$				
or US-5251046-\$ or US-				
5148498-\$ or US-5109425-\$				
or US-5101446-\$ or US-				
6026183-\$ or US-6047093-\$				
or US-6064772-\$ or US-				
6088485-\$ or US-6101276-\$				
or US-6141433-\$ or US-				
6144772-\$ or US-6181825-\$				
or US-6205260-\$ or US-				
6263114-\$ or US-6272253-\$				
or US-6292589-\$ or US-				
5592228-\$ or US-5583952-				
\$).did.				
			•	-

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
46 ((((constant or reference or fixed or predefined or predetermined) adj1 (color or pixel or block or value)) or background) with (residual or	error or difference or differential)) same (compress\$6 or encod\$6) and ((US-5903671-\$ or US- 5946419-\$ or US-5959672-\$	or US-5970173-\$ or US-5991444-\$ or US-6991444-\$ or US-5991449-\$ or US-6748780-\$ or US-5682208-\$ or US-5668897-\$ or US-5649032-\$ or US-5629737-\$ or US-5740278-\$ or US-5740278-	or US-5748807-\$ or US-5764014-3 or US-5748807-\$ or US-5768438-\$ or US-57835837-\$ or US-5832115-\$ or US-5903660-\$ or US-602383-\$ or US-5068911-\$ or US-5068911-\$ or US-5068911-\$ or US-5303313-\$ or US-5251046-\$ or US-5109425-\$	or US-5101446-\$ or US-6026183-\$ or US-6026183-\$ or US-604772-\$ or US-6088485-\$ or US-6101276-\$ or US-61144772-\$ or US-6181825-\$ or US-6205260-\$ or US-620528-\$ or US-6592228-\$ or US-659228-\$ or US-659228-\$ or US-659228-\$ or US-659228-\$ or US-5583952-	2

N L	Z	ZZ.	7. Z.T.	ï. L	.; YZ;		NT;	.: NT;		 L L
	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	 	USPAT; US-PGPUB; EPO; JPO; DERWEN IBM_TDB	USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
0 (((encod\$5 or compress\$6) near3 (residual or differential or difference)) with backgound) and 382.clas. and @ad<19980420	701 (((encod\$5 or compress\$6) near3 (residual or differential or difference))) and 382.clas.and @ad<19980420	105 (((encod\$5 or compress\$6) near3 (residual))) and 382.clas. and @ad<19980420	6 (((encod\$5 or compress\$6) near3 (residual)) same background) and 382.clas. and @ad<19980420	0 (((encod\$5 or compress\$6) near3 (residual)) same ((fixed or constant or predefined) adj color)) and 382.clas. and @ad<19980420	16 (residual adj1 coding) and USPAT, US-PGPUB, 382.clas. and @ad<19980420 EPO; JPO; DERWENT; IBM_TDB	1 (US-5050230-\$).did.	1 ((US-5050230-\$).did.) and residual	2 4682869.pn.	1 (US-5812787-\$).did.	1 ((US-5812787-\$).did.) and residual
0	701	105	O	O	16		-	2	1	-

USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
1 ((US-5812787-\$).did.) and residual and back\$8 1635 ((difference adj1 between) near3 background)	45 ((difference adj1 between) near3 background) same (encod\$6 or compress\$ or coding) and @ad<19980420	9 (((difference adj1 between) near3 background) or ((difference adj image) with background)) and ((encod\$6 or compress\$ or coding) near (difference or residual)) and @ad<19980420	0 ((compress\$6 or encod\$6 or coding) near3 (foreground or ((difference adj1 image) with background)) and (@ad<19980420) and (btc or (block adj1 truncation) or (block?truncation))	86 (compress\$6 or encod\$6 or coding) near3 (foreground or ((difference adj1 image) with background)) and @ad<19980420	26 (compress\$6 or encod\$6 or coding) near1 (foreground) and @ad<19980420

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2006056 (compress\$6 or encod\$6 or coding) with foreground with difference background and @ad<19980420	3 ((compress\$6 or encod\$6 or coding) with foreground with difference with background) and @ad<19980420	(background adj1 (removal or USPAT; US-PGPUB; subtraction)) and (compress\$6 or encod\$6) IBM_TDB adj1 (difference or foreground)) and @ad<19980420	6 (background adj1 (removal or Lesubtraction)) and ((compress\$6 or encod\$6) liwith (difference or foreground)) and @ad<19980420	14 (background adj1 (removal or subtraction)) and ((compress\$6 or encod\$6) same (difference or foreground)) and @ad<19980420	6 (background adj1 (removal or USPAT; US-PGPUB; subtraction)) and EPO; JPO; DERWEN ((compress\$6 or encod\$6) IBM_TDB with (difference or foreground or ROI or (region adj interest))) and @ad<19980420
2006056	m	7 7 10 42 9	0	4	0 - 0 - 0

465 (background with (remov\$4 or USPAT; US-PGPUB; subtract\$6 or separat\$5 or report undifference or foreground or ROI or face or (region adj interest)) and @ad<19980420 ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adj interest)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adj interest)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adj interest)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adj interest)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adj interest)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adj interest))) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adj interest))) and (ad 107 background adj1 residual) USPAT; US-PGPUB; EPO, JPO; DERWENT; BM_TDB and @ad<19980420 and 382.clas. BM_TDB and @ad<19980420 and BM_TDB and @ad<19980420 and BM_TDB and @ad<19980420 and BM_TDB and @ad<19980420 and @ad<19980420 and BM_TDB and (difference adj1 between) and (ad<19980420 and (ad<199804420 and (ad<199804						
465 (background with (remov\$4 or subtract\$6 or separat\$5 or segment\$6)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adjinterest))) and (@ad<19980420 er subtract\$6 or separat\$5 or segment\$6)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adjinterest))) and ((compress\$6 or separat\$5 or segment\$6)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adjinterest))) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adjinterest))) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adjinterest))) and ((add<19980420 and 382.clas.)) and ((difference adj1 residual) and ((difference adj1 between) near3 background) and 382.clas. and ((add<19980420))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	465 (background with (remov\$4 or subtract\$6 or separat\$5 or segment\$6)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adj interest))) and @ad<19980420	254 (background near3 (remov\$4 or subtract\$6 or separat\$5 or segment\$6)) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adjinterest))) and (@ad<19980420	89 (background near3 (remov\$4 or subtract\$6 or separat\$5 or segment\$6]) and ((compress\$6 or encod\$6) with (difference or foreground or ROI or face or (region adjinterest))) and @ad<19980420 and 382.clas.	107 background adj1 residual	3 (background adj1 residual) and @ad<19980420 and 382.clas.	109 ((difference adj1 between) near3 background) and 382.clas. and @ad<19980420

•

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26 (vector adj1 quanti?ation) and IUSPAT. US-PGPUB, (((variance or business or busyness or busyness or busyness or busyness or activity) with (image or block or texture)) same classifs8) and @ad<19980420	29 ((vector adj1 quanti?ation) or USPAT; UBTC or (block adj1 EPO; JPC truncation)) and (((variance or IBM_TDB business or busyness or deviation or activity) with (image or block or texture)) same classif\$8) and @ad<19980420	26 ((vector adj1 quanti?ation) or BTC or (block adj1 truncation)) and (((variance or business or busyness or busy?ness or deviation or activity)) with classif\$8) and 382.clas. and @ad<19980420	63 ((vector adj1 quanti?ation) or U BTC or (block adj1 truncation)) and (((variance or IB business or busyness or busy?ness or deviation or activity)) with classif\$8) and @ad<19980420	180 382.clas. and (((variance or business or busyness or deviation or activity)) with classif\$8) and @ad<19980420
28	53	28	89	08

154	154 (382 clas. and (((variance or USPAT; US-PGPUB;	USPAT; US-PGPUB;			
	business or busyness or	EPO; JPO; DERWENT;			
	busy?ness or deviation or	IBM_TDB			
	activity)) with classif\$8) and				
	@ad<19980420) and (not				
	(((vector adj1 quanti?ation) or				
-	BTC or (block adj1				
	truncation)) and (((variance or				
	business or busyness or				
	busy?ness or deviation or				
	activity)) with classif\$8) and				
	@ad<19980420))		 		

USPAT; EPO; JPO				
S-4610025-\$ or US- 41355-\$ or US-4653014-\$ US-4658429-\$ or US-	4661913-\$ or US-4682365-\$ or US-4731855-\$ or US- 4736307-\$ or US-4783839-\$ or US-471408-\$ or US- 4897881-\$ or US-4906940-\$ or US-491078-\$ or US-	99.04.4.\$ or US-4933872-\$ or US-5033400-\$ or US-5081685-\$ or US-5122957-\$ or US-5162240-\$ or US-5181258-\$ or US-5339815-\$ or US-5416604-\$ or US-5436980-\$ or US-5436980-\$ or US-543636-\$ or US-543636-\$ or US-543636-\$ or US-543863-\$ or US-548863-\$ or US-548863-\$ or US-548863-\$ o	5481628-\$ or US-5487115-\$ 5481628-\$ or US-5491564-\$ or US-5561719-\$ or US-5577131-\$ or US-5577166-\$ or US-5577166-\$ or US-5583659-\$ or US-5690217-\$ or US-5627040-\$ or US-562804-\$ or US-562804-\$ or US-562804-\$ or US-562804-\$ or US-562804-\$ or US-562804-\$	or US-5717781-\$ or US-5719949-\$ or US-5733721-\$ or US-5742520-\$ or US-5751451-\$ or US-5754693-\$ or US-5768422-\$ or US-5769789-\$ or US-5768422-\$ or US-5769789-\$ or US-574581-\$ or US-5781647-\$).did. or (US-5784487-\$ or US-5319549-\$ or US-5327502-\$ or US-3329831-\$
154 (U 46 0r				

ance or USPAT; US-PGPUB; s or EPO; JPO; DERWENT; on or IBM_TDB ((US- ((U	
154 382.clas. and (((variance or business or deviation or activity)) with classifs) and @ad<19980420 and ((US-4610025-\$ or US-4640135-\$ or US-4658014-\$ or US-4682365-\$ or US-4731855-\$ or US-4731855-\$ or US-4731855-\$ or US-4897881-\$ or US-4783839-\$ or US-4897881-\$ or US-4783839-\$ or US-4897881-\$ or US-48906940-\$ or US-6112967-\$ or US-5122957-\$ or US-5517131-\$ or US-5517151-\$ or US-5517151-\$ or US-5517151-\$ or US-5577161-\$ or US-5571969-\$ or US-571959-\$ or US-571959-\$ or US-571451-\$ or US-571959-\$ or US-571451-\$ or US-5	clas. and (((variance or ation)) with classif\$8 with k or region or image or reg) and @ad<19980420

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT
1 munsell.in. and cad 52 (uniform or flat or solid) same (pattern or texture) same (variance or deviation) same (region or section or image or block) same (class\$6 or group)	n or flat or solid) same or texture) same se or deviation) same or section or image or ame (class\$6 or and @ad<19980420	1015 (uniform or flat or solid) same (pattern or texture) same (region or section or image or block) same (class\$6 or group) and @ad<19980420	62 (uniform or flat or solid) same (pattern or texture) same (region or section or image or block) same (class\$6 or group) and 382.clas. and @ad<19980420	1 (US-6151409-\$).did. 0 ((US-6151409-\$).did.) and huffman	nage) same ctionary or ok) and	1 6151409.URPN.

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
1 20020104891.pn. and USPAT, U huffman EPO; JPO IBM_TDB	208 ((quantization near2 level) or USPAT; U; (number adj3 bit)) with EPO; JPO; (class\$5 or type or variance or IBM_TDB (standard adj1 deviation)) and 382.clas. and @ad<19980420	57 ((quantization near2 level) or USPAT; US- (number adj3 bit)) with EPO; JPO; I (class\$5 or type or variance or IBM_TDB (standard adj1 deviation)) and huffman and 382.clas. and @ad<19980420	22 ((quantization near2 level) or USPAT; US (number adj3 bit)) with EPO; JPO; (class\$5 or variance or IBM_TDB (standard adj1 deviation)) and huffman and 382.clas. and @ad<19980420	42 ((quantization near2 level) or USPAT; US-PGPUB; (number adj3 bit)) with (class\$5 or type or variance or IBM_TDB (standard adj1 deviation)) and (pyramid or quadtree or quadtree or quad?tree or decomposition) and 382.clas. and @ad<19980420	33 ((quantization near2 level) or USPAT; US-PGPUB; (number adj3 bit)) with (class\$5 or type or variance or IBM_TDB (standard adj1 deviation)) and (pyramid or quadtree or quadtree or quadtree or multi-level or multilevel) and 382.clas. and @ad<19980420
120 hu	208 ((n (n) (ci. (st: 38:	57 (G) (C) (S) (S) (A) (A)	22 (7. (2. (3. (3. (3. (4. (3. (4. (4. (4. (4. (4. (4. (4. (4. (4. (4	42 ((9 (n. (St. (9) (py (py (9)	33 (C)

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30 ((quantization near2 level) or USPAT; US-PGPUB; (number adj3 bit)) with EPO; JPO; DERWENT; (class\$5 or type or variance or IBM_TDB (standard adj1 deviation)) and (pyramid or quadtree or quadtree or multi-level) and 382.clas. and @ad<19980420	11 ((quantization near2 level) or USPAT; US-F (number adj3 bit)) with EPO; JPO; DI (class\$5 or type or variance or IBM_TDB (standard adj1 deviation)) and ((block adj1 truncation) or btc) and 382.clas. and @ad<19980420	(quantization near2 level) or USPAT; US-I (number adj3 bit)) with (class\$5 or type or variance or IBM_TDB (standard adj1 deviation)) and (pyramid or quadtree or quad?tree or quad?tree or decomposition or multi-level or multilevel) and 382.clas. and @ad<19980420

54 (US-5101446-\$ or US- 3676847-\$ or US- 3676847-\$ or US- 447886-\$ or US-4191940-\$ or US-4319267-\$ or US- 447886-\$ or US-5748786-\$ or US-575967-\$ or US- 5715329-\$ or US-5748786-\$ or US-575967-\$ or US- 5533138-\$ or US-574336-\$ or US-575967-\$ or US- 5533138-\$ or US-5694170-\$ or US-570373-\$ or US- 5588598-\$ or US-5694170-\$ or US-5148498-\$ or US- 5122873-\$ or US-512875-\$ or US-5148498-\$ or US- 6111991-\$ or US-5986711-\$ or US-570867-\$ or US- 6002802-\$ or US-5986711-\$ or US-54802-\$ or US- 590513-\$ or US-596645-\$ or US- 590513-\$ or US-5867602-\$ or US-5883979-\$ or US- 5881176-\$ or US-5867602-\$ or US-56223-\$ or US- 533326-\$ or US- 563218-\$ or US- 563444-\$ or US- 564065-\$ or US- 5641466-\$ or US- 614146-\$ or US-5604824-\$ or US-619246-\$ or US- 6192158-\$ or US-6192154-\$ or US-619246-\$ or US- 6192158-\$ or US-6192154-\$ or US-61921-\$ or US- 6192158-\$ or US-61921-\$ or US- 6192168-\$ or US-61921-\$ or US-																																						
54 (US-5101446-\$ or US-3676847-\$ or US-4191940-\$ or US-4319267-\$ or US-4191940-\$ or US-5091971-\$ or US-5715329-\$ or US-5757967-\$ or US-5757967-\$ or US-5465164-\$ or US-5465164-\$ or US-5465164-\$ or US-54651320-\$ or US-575967-\$ or US-54651320-\$ or US-57967-\$ or US-54651320-\$ or US-57967-\$ or US-568598-\$ or US-568598-\$ or US-5122875-\$ or US-5703793-\$ or US-5122875-\$ or US-5703793-\$ or US-6078681-\$ or US-6078681-\$ or US-5905513-\$ or US-5905513-\$ or US-5905513-\$ or US-5905513-\$ or US-5905513-\$ or US-58674573-\$ or US-5883979-\$ or US-5905815-\$ or US-5883979-\$ or US-5905815-\$ or US-5764802-\$ or US-5574573-\$ or US-5764802-\$ or US-55745740-\$ or US-512292-\$ or US-5333262-\$ or US-5125140-\$ or US-5125140-\$ or US-6192154-\$ or US-6192465-\$ or US-6192154-\$ or US-6192465-\$ or US-6192154-\$ or US-6192465-\$ or US-6192154-\$ or US-6222941-\$ or US-632589-\$ or US-5602941-\$ or US-635663-\$ or US-572241-\$ or US-636663-\$ or US-63	USPAT; US-PGPUB															-																						
	54 (US-5101446-\$ or US-	3676847-\$ or US-4191940-\$	or US-4319267-\$ or US-	4447886-\$ or US-5014134-\$	or US-5091971-\$ or US-	5715329-\$ or US-5748786-\$	or US-5757967-\$ or US-	5465164-\$ or US-5471320-\$	or US-5490233-\$ or US-	5533138-\$ or US-5543936-\$	or US-5546474-\$ or US-	5568598-\$ or US-5694170-\$	or US-5703793-\$ or US-	5122873-\$ or US-5122875-\$	or US-5148498-\$ or US-	6111991-\$ or US-6101276-\$	or US-6078687-\$ or US-	6040861-\$).did. or (US-	6002802-\$ or US-5986711-\$	or US-5966465-\$ or US-	5909513-\$ or US-5905815-\$	or US-5883979-\$ or US-	5881176-\$ or US-5574573-\$	or US-5764802-\$ or US-	5777677-\$ or US-5867602-\$	or US-5162923-\$ or US-	5333262-\$ or US-5363212-\$	or US-6125140-\$ or US-	6141446-\$ or US-6157740-\$	or US-6195465-\$ or US-	6192158-\$ or US-6192154-\$	or US-6222941-\$ or US-	5627601-\$ or US-5604824-\$	or US-5602941-\$ or US-	6356663-\$ or US-6292589-\$	or US-6272241-\$).did. or (US-	20020048405-\$).did.	

USPAT; US-PGPUB			
57 (US-6219445-\$ or US-6357383-\$ or US-6292589-\$ or US-622241-\$ or US-5748786-\$ or US-5719962-\$ or US-5719962-\$	5715329-\$ or US-5966465-\$ or US-5949488-\$ or US-5909513-\$ or US-5905815-\$ or US-5883979-\$ or US-5881176-\$ or US-5887602-\$ or US-57867-\$ or US-6195465-\$ or US-6192154-\$ or US-6195465-\$ or US-6192154-\$ or US-61957740-\$ or US-5416604-\$ or US-5416615-\$ or US-6416604-\$	5568598-\$), did. or (US-5604824-\$ or US-5613015-\$ or US-5631977-\$ or US-5644658-\$ or US-5845021-\$ or US-569477-\$ or US-5694170-\$ or US-6941446-\$ or US-6009201-\$ or US-5033372-\$ or US-5122875-\$ or US-5014134-\$ or US-5014134	4910609-47104-\$-5777677-\$ or US-5801840-\$- or US-4571634-\$- or US-4618846-\$- or US-4860112-\$- or US-3560639-\$).did. or (US-20020048405-\$- or US-20010012398-\$).did.

		···		700 00 00	
					
					•
		·			
Ë					
<u>a</u> <u>m</u>					
፵ &					
S S m					
들은					
USPAT; US-PGPUB; EPO; JPO; DERWENT IBM_TDB					
<u>⊃ </u>					
क् स	ှာ မှာ မှာ	ଡ଼ ଜ ଼ ଡ଼	• ဟု ဟု ဟု	or US-5764802-\$ or US- 5777677-\$ or US-5867602-\$ or US-5162923-\$ or US- 5333262-\$ or US-5363212-\$ or US-6125140-\$ or US- 6141446-\$ or US-6157740-\$ or US-6195465-\$ or US- 6192158-\$ or US-6192154-\$ or US-6222941-\$ or US-	s s. s. s
940 7 2	786	936 170 175 375	71.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.	. 202 212 140 154	
916 916 US	US 48:	SU 24 28 28 28 28 28 28 28 28 28 28 28 28 28	SU 5 86 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	US 676 632 632 632 10S US US	048 US 925 925 d. c d. c
24 25	50.50	50 50 50 50 50 50 50 50 50 50 50 50 50 5	2	2 4 4 4 4 5 5 6	5 2 5 E E E
8-9 US 13-4 11s	148 178 N	2-5-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	6-5-3-6-3-6-3-6-3-6-3-6-3-6-3-6-3-6-3-6-	25 S S S S S S S S S S S S S S S S S S S	1-4-1-4-1-4-1-4-4-1-4-4-1-4-4-1-4-1-4-1
926	197 796 196	023 647 647 647 379 849	868 868 90 di 90 di 90 di	480 292 292 0 c 546 0 c	224 of 455 of 455 of 955 of 95
510 47-4 431 8-8	509 509-4 575 4-\$	3.54 3.54 3.54 3.54 3.54 3.54 3.54 3.54	3-5 3-5 3-5 3-6 3-5 6-5	576 574 574 575 576 576 576 576 576 576 576 576 576	3.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5
3.5.5.8.5.2.8.8.2.2.8.8.2.2.8.8.2.2.8.8.2.2.8.8.2.2.8.8.2.2.8.2.2.8.2.2.8.2	532 532 532 546 516	313 313 313 313 313 859 859 15-5	15-6 15-6 17-17 17-17	S-6 S-6 S-6 S-6 S-6 S-6 S-6 S-6 S-6 S-6	S S S S S S S S S S S S S S S S S S S
367 37 37 144	571 571 346	553 553 556 556 572 772 772 772	2 4 50 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	256 (US)
52		,,,,			. J W D W C W
-					
					i
					ŀ
					

25 ((US-5101446-\$ or US- 3876847-\$ or US- 0					
25 ((US-5101446-\$ or US-3676847-\$ or US-4191940-\$ or US-4319267-\$ or US-447886-\$ or US-5014713-\$ or US-5091971-\$ or US-5748786-\$ or US-575967-\$ or US-5748786-\$ or US-575967-\$ or US-54677320-\$ or US-576023-\$ or US-546474-\$ or US-558598-\$ or US-568598-\$ or US-568598-\$ or US-5703793-\$ or US-5703793-\$ or US-512875-\$ or US-5703793-\$ or US-6002802-\$ or US-5909513-\$ or US-619246-\$ or US-619245-\$ or US-619245-\$ or US-6192158-\$ or US-619245-\$ or US-619243-\$ or US-61924	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB			·	
· · · · · · · · · · · · · · · · · · ·	25 ((US-5101446-\$ or US-3676847-\$ or US-4191940-\$ or US-4319267-\$ or US-4447886-\$ or US-5014134-\$ or US-5091971-\$ or US-57539-\$ or US-575967-\$ or US-575967-\$ or US-575967-\$ or US-57533-\$ or US-5490233-\$ or US-549023-\$ or	5533138-\$ or US-5543936-\$ or US-5543936-\$ or US-5546474-\$ or US-568598-\$ or US-5694170-\$ or US-5703793-\$ or US-5122873-\$ or US-5148498-\$ or US-6111991-\$ or US-6101-776-\$	or U.S-6078687-\$ or U.S-6040861-\$).did. or (U.S-6002802-\$ or U.S-5986711-\$ or U.S-5966465-\$ or U.S-5905813-\$ or U.S-5905815-\$ or U.S-5883979-\$ or U.S-5784802-\$ or U.S-5764802-\$ or U.S-576802-\$ or U.S-576802-\$ o	577677-\$ or US-5867602-\$ or US-5162923-\$ or US-533212-\$ or US-6125140-\$ or US-6157740-\$ or US-6195465-\$ or US-6192154-\$ or US-6195465-\$ or US-6192154-\$ or US-622941-\$ or US-6192154-\$ or US-6222941-\$ or US-5604824-\$	or US-5602941-\$ or US-6356663-\$ or US-6292569-\$ or US-6272241-\$).did. or (US-20020048405-\$).did.) and (not ((US-6219445-\$ or US-6356663-\$ or US-632383-\$

	1	-
	-	
<u>ر</u> -		
		ĺ
AW.		
DEF PO		
O O O		
<u> </u>	 	
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT	USPAT
25 ((quantization near2 level) or (number adj3 bit)) with (class\$5 or type or variance or (standard adj1 deviation)) and (standard adj1 deviation)) and (pyramid or quadtree or quad?tree or decomposition or multi-level or multilevel) and 382.clas. and @ad<19980420 and ((US-5574573-\$ or US-602902-\$ or US-627601-\$ or US-602802-\$ or US-647673-\$ or US-6111991-\$ or US-642647-\$ or US-6411991-\$ or US-543336-\$ or US-543326-\$ or US-5430233-\$ or US-543326-\$ or US-543023-\$ or US-5439023-\$ or US-548498-\$ or US-5148498-\$ or US-5148498-\$ or US-5162923-\$ or US-51991940-\$ or US-5091971-\$).did.)) <u> </u>	Ö
on and and and and and and and and and an	z	
224. S S S S S S S S S S.	J.	
122	860	742 132" 177" 112" 192" 167"
it)) (it)) de or dev	2 ("5392072" "5978098").PN	13 ("4698689" "4751742" "5128776" "5150432" "5157488" "5295077" "5500678" "5333212" "5341439" "5420692" "5440346").PN.
on r typ dil dil dil dil dil dil dil dil dil dil	5	152 152 N. I
7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	72"	39" - 88" - 89" -
\$\$\$\$\$ 38.71 1.15 1.	320	3868 877 748 748 067 143 351
Class of the control	.236	2468 512 515 515 534 544(
	2 (E 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
··		_
	1	ı l

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
1 ((run?length?encoding) or "RLE") with (((low adj1 (activity or business or busy?ness or importance)) or flat or uniform) near3 (regions or sections or blocks)) and 382.clas. and @ad<19980420	((run?length?encoding) or "RLE") with (((low adj1 (activity or business or busy?ness or importance)) or flat or uniform) with (regions or sections or blocks)) and 382.clas. and @ad<19980420)) ' ((e))	1 (US-20020104891-\$).did. 1 ((US-20020104891-\$).did.) and level	1 ((US-20020104891-\$).did.) and null	0 ((run?length) or "RLE") with USPAT; US- (pyramid near3 level) with EPO; JPO; C (regions or sections or blocks) IBM_TDB and 382.clas. and @ad<19980420
			-)

,

ength) or "RLE") with USPAT; US-PGPUB; with (regions or EPO; JPO; DERWENT; s or blocks)) same IBM_TDB id or decomposition or ree or quadtree) and s. and @ad<19980420	ength) or "RLE") with USPAT; US-PGPUB; with (regions or EPO; JPO; DERWENT; s or blocks)) and IBM_TDB id or decomposition or ree or quadtree) and s. and @ad<19980420	27089-\$).did. USPAT		'27089-\$).did.) and USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	27089-\$).did.) and USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	'27089-\$).did.) and USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	5574573	3 with hsv USPAT	5 with hsv and USPAT; US-PGPUB; 9980420 EPO; JPO; DERWENT; IBM_TDB	7.pn. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	7.pn. and (recta\$5 or USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	7.pn. and (recta\$5 or USPAT; US-PGPUB; or cube) EPO; JPO; DERWENT; IBM TDB
0 (((run?length) or "RLE") with U (level) with (regions or sections or blocks)) same II (pyramid or decomposition or quad?tree or quadtree) and 382.clas. and @ad<19980420	2 (((run?length) or "RLE") with L (level) with (regions or sections or blocks)) and (pyramid or decomposition or quad?tree or quadtree) and 382.clas. and @ad<19980420	1 (US-5727089-\$).did.	1 ((US-5727089-\$).did.) and block	1 ((US-5727089-\$).did.) and face	1 ((US-5727089-\$).did.) and fac\$3	((US-5727089-\$).did.) fac\$4		24 cylind\$6 with hsv	13 cylind\$6 with hsv and @ad<19980420	3 5412487.pn.	0 5412487.pn. and (recta\$5 or square)	0 5412487.pn. and (recta\$5 or square or cube)

US-PGPUB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT: US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
(US-20020104891-\$).did.	1 20020104891.pn. and (texture)	20020104891.pn. and (residual)	((texture or pattern) near2 (map or template)) with (match or compare) with (activity or busy?ness or business or uniform) and (382.clas. or 345.clas.) and @ad<19980420	((texture or pattern) near2 (map or template)) with (match or compare) same(activity or busy?ness or business or uniform) and (382.clas. or 345.clas.) and @ad<19980420	0 ((texture or pattern) near2 (map or template)) with (match or compare) same (activity or busy?ness or business or uniform) and (382.clas. or 345.clas.) and @ad<19980420	((texture or pattern) near2 (map or template)) with (match or compare) and (382.clas. or 345.clas.) and @ad<19980420	((texture or pattern) near2 (map or template)) with (match or compare) and (382.clas. or 345.clas.) and (compress\$6 or encod\$5) and @ad<19980420
1	-	_	0	0	0	117	899

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB		USPAT	USPAT; US-PGPUB;	EPO, JPO, DERWEINI; IBM_TDB	USPAT; US-PGPUB;	EPO; JPO; DERWENT;	IBM_TDB	USPAT; US-PGPUB;	EPO; JPO; DERWENT;	IBM_TDB	USPAT; US-PGPUB;	EPO; JPO; DERWENT;	IBM_TDB	US-PGPUB	USPAT; US-PGPUB;	EPO; JPO; DERWENT;	IBM_TDB
((texture or pattern) near2 (map or template)) with (match or compare) and	(182.clas.) and (compress\$6 or encod\$5) and @ad<19980420	(US-6122402-\$).did.	1 ((US-6122402-\$).did.) and		((US-6122402-\$).did.) and	pattern		0 ((US-6122402-\$).did.) and	size		((US-6122402-\$).did.) and	(width or length)		(US-20020104891-\$).did.	20020104891.pn. and delta		
47 (1	7	_	1(0	S		1(<u>-</u>		1	12	-	

14 ((cube or rectangle or square) USPAT; US-PGPUB;	USPAT; US-PGPUB;				
near3 (region or subspace or	EPO; JPO; DERWENT;				
sub?space or subset)) with (IBM_TDB			***************************************	
((color or colour) adj1 space)				No.	
or RGB or (R?G?B) or ("R"					
adj1 "G" adj1 "B") or YUV or					
(Y?U?V) or ("Y" adj1 "U" adj1					
"V") or YCrCb or (Y?Cr?Cb) or					
("Y" adj1 "Cr" adj1 "Cb") or			· Traditional Control		
YCbCr or (Y?Cb?Cr) or ("Y"					
adj1 "Cb" adj1 "Cr") or CIE or			-		
(C?!?E) or ("C" adj1 "I" adj1					-
"E") or LAB or (L?A?B) or ("L"					
adj1 "A" adj1 "B") or YIQ or					
(Y?I?Q) or ("Y" adj1 "I" adj1		T			
"Q") or YCC or (Y?C?C) or					
("Y" adj1 "C" adj1 "C") or	A San				
CMYK or (C?M?Y?K) or ("C"					
adj1 "M" adj1 "Y" adj1 "K") or					
HSV or (H?S?V) or ("H" adj1					
"S" adj1 "V")) and					
@ad<19980420					
		-			

•

•

USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
I (sphere or ellips\$5 or ball) near3 (region or subspace or subspace or subspace or subspace or sub?space or subspace) or RGB or (R?G?B) or ("R" adj1 "G" adj1 "B") or YUV or (Y?U?V) or ("Y" adj1 "C" adj1 "C") or CIE or (Y?U?V) or ("Y" adj1 "C" or (Y?CP?CD) or ("Y" adj1 "Ch" adj1 "C") or CIE or (C?I?E) or ("C" adj1 "I" adj1 "E") or LAB or (L?A?B) or ("L" adj1 "A" adj1 "B") or YIQ or (Y?I?Q) or ("Y" adj1 "I") or YIQ or ("Y" adj1 "C") or COWYK or (Y?C?C) or ("Y" adj1 "C") or HSV or (H?S?V) or ("H" adj1 "S") and @ad<19980420	5838310-\$).did.	1 (US-5838310-\$).did. and cube USPAT			15 5832115.URPN.		2 (((bell or omega or hill) near3 USPAT; US-PGPUB; shap\$3) same (face or facial)) EPO; JPO; DERWENT; and 382.clas. and [IBM_TDB]
4 	1	1	1	4	15.5	28.6.9	2

or omega or hill) with USPAT, US-PGPUB; 2 class, and BM_TDB BM_TD								
9) same (face or facial) by with USPAT; US-PGPUB; Catas, and 1980420 2) class, and face or facial) EPO; JPO; DERWENT; Catas, and face or facial) EPO; JPO; DERWENT; Catas, and face or facial) EPO; JPO; DERWENT; EPO; JPO; DERWENT; and (face or facial) EPO; JPO; DERWENT; EPO; JPO; DERWENT; and (face or facial) EPO; JPO; DERWENT; and 382.clas, and 9880420 10.50104891-\$), did: and US-PGPUB; EPO; JPO; DERWENT; and (face or facial) EPO; JPO; DERWENT; EPO; JPO; DERWENT; BM_TDB								
or omega or hill) with USPAT; US-PGPUB; 3) same (face or facial)) EPO; JPO; DERWENT; 42.clas. and 19980420 and (face or facial) EPO; JPO; DERWENT; 5.clas. and 19980420 and saz.clas. and 19980420 and 382.clas. and 19980420 brand saz.clas. and 19980420 and 382.clas. and 19980420 brand saz.clas. and 19980420								
or omega or hill) with 3) same (face or facial) 2.clas. and 19980420 at\$6 or remov\$6 or near3 corner) with and (face or facial) 2.clas. and (face or facial) 382.clas. and 19980420 at\$6 or remov\$6 or near3 (corner or or or and 382.clas. and 19980420 at\$6 or remov\$6 or near3 (edge or angle)) age) and (face or facial) 2.clas. and 382.clas. and 383.clas. and 383.clas. and 383.clas. and 383.clas. and 383.clas. and (face or facial) 2.clas. and 383.clas. and (face or facial) 39380420 at\$1382.clas. and (face or facial) 39380420 at\$1382.clas. and (face or facial) 39380420 at\$1382.clas. and (face or facial) 393.clas. and 382.clas. and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB US-PGPUB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; BM_TDB
(((trunc cut\$4) in mage) or facial (((trunc cut\$4) in mage) or facial) or facial (((trunc cut\$4) in mage) or facial ((((trunc cut\$4) in mage) in mage) and 38; (((trunc cut\$4) in mage) and 38; (((trunc cut\$4) in mage) or facial	2 (((bell or omega or hill) with shap\$3) same (face or facial)) and 382.clas. and	@ad<19980420 12 (((bell or omega or hill) with shap\$3) and (face or facial)) and 382.clas. and @ad<19980420	1 (((truncat\$6 or remov\$6 or cut\$4) near3 corner) with image) and (face or facial) and 382.clas. and @ad<19980420	18 (((truncat\$6 or remov\$6 or cut\$4) near3 (corner or border)) with image) and (face or facial) and 382.clas. and @ad<19980420	020104891-\$).did. and	23 (((truncat\$6 or remov\$6 or cut\$4) near3 (edge or angle)) with image) and (face or facial) and 382.clas. and @ad<19980420	9 (((truncat\$6 or remov\$6 or cut\$4) near3 (side)) with image) and (face or facial) and 382.clas. and @ad<19980420	o ((clip near3 (side or corner or edge)) with image) and (face or facial) and 382.clas. and (mad<19980420)

USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT
3 ((clip\$5 near3 (side or corner or edge)) with image) and (face or facial) and 382.clas. and @ad<19980420	1 (US-6252989-\$).did. 1 ((US-6252989-\$).did.) and ring	96 (((clip\$5 or cut\$4 or truncat\$6) USPAT; US-PGPUB; near3 (side or corner or EPO; JPO; DERWENedge)) with image) and ad<19980420	34 (((clip\$5 or cut\$4 or truncat\$6) near3 (side or corner)) with image) and 382.clas. and @ad<19980420	9 (((clip\$5 or cut\$4 or truncat\$6) USPAT; US-PGPUB; near3 (corner)) with image)	16 (((clip\$5 or cut\$4 or truncat\$6) USPAT; US-PGPUB; with (corner)) with image) EPO; JPO; DERWEN and 382.clas. and [IBM_TDB @ad<19980420	1055 or cut\$4 or at\$6) with (corner)) with e) and 382.clas. and c19980420) and (not p\$5 or cut\$4 or at\$6) near3 (corner)) mage) and 382.clas.	7 (US-5845018-\$ or US- 5867587-\$ or US-RE36145-\$ or US-6047085-\$ or US- 5034988-\$ or US-5608817-\$ or US-5633950-\$).did.

USPAT	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT
7 (US-5845018-\$ or US- 5633950-\$ or US-5608817-\$ or US-5034988-\$ or US- 6047085-\$ or US-RE36145-\$ or US-5867587-\$).did.	7 (((clip\$5 or cut\$4 or truncat\$6) USPAT; US-PGPUB; with (corner)) with image)	0 (((clip\$5 or cut\$4 or remov\$4) USPAT. US-PGPUB; near5 (corner)) with image)	7 (((clip\$5 or cut\$4 or remov\$4) USPAT: US-PGPUB; nea3 (corner)) with image)	14 (((clip\$5 or cut\$4 or remov\$4) near5 (corner)) with image) and 382.clas. and @ad<19980420	5 (((remov\$4) near5 (corner)) with image) and 382.clas. and @ad<19980420	1 (US-4980923-\$).did.

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT	USPAT
1 ((US-4980923-\$).did.) and corner	30 (("6192158") or ("5613015") or L ("6356663") or ("5495297") or E ("5914748") or ("5907315") or III ("6151409") or ("6262778") or ("5832115") or ("5838310") or ("5755573") or ("6111991") or ("6125199")).PN.	15 (("6192158") or ("5613015") or U. ("6356663") or ("5495297") or ("5914748") or ("5907315") or ("6151409") or ("6262778") or ("618332115") or ("6122402") or ("5727089") or ("6111991") or ("6125199").PN.	15 (("6192158") or ("5613015") or USPAT ("6356663") or ("5495297") or ("5914748") or ("5907315") or ("6151409") or ("6262778") or ("5832115") or ("5838310") or ("574573") or ("6112991") or ("6125199")).PN.
	i ro	 	#

EAST SEARCH TAGGED	H TAGGED						:	
patent #	type	pub date	title	class1	class2	inventor		
US 6151409 A	USPAT	20001121	20001121 Methods for compressing and re-constructing a color image in a computer system	382/166		Chen, Liang-Gee et al.		
US 5327502 A	USPAT	19940705	19940705 Image coding system using an orthogonal transform and bit allocation method suitable therefor	382/239	358/426.06; 358/426.14; 382/248	Katata, Hiroyuki et al.		
US 6125199 A	USPAT	20000926 Color and a system system same	Color correcting method and apparatus and a system incorporating the same	382/162	358/518	Sato, Tsuneo et al.		
US 6262778 B1	USPAT	20010717	20010717 Image processing system	348/586	345/632; 348/584; 348/587; 348/590; 348/591; 348/592; 358/518	Nonweiler, Brian Robert et al.		
US 5953076 A	USPAT	19990914	19990914 System and method of real time insertions into video using adaptive occlusion with a synthetic reference image	348/584	348/580, 348/581	Astle, Brian et al.		
US 5914748 A	USPAT	19990622	19990622 Method and apparatus for generating a composite image using the difference of two images	348/239	348/241; 348/586; 358/464	Parulski, Kenneth A. et al.		
US 5412487 A	USPAT	19950502		358/452	348/346	Nishimura, Ryuji et al.		
US 6035060 A	USPAT	20000307	20000307 Method and apparatus for removing color artifacts in region-based coding	382/164	382/243; 382/275; 382/283	Chen, Tsuhan et al.		

US 6192158 B1	USPAT	20010220	20010220 Wavelet image coder using trellis-coded quantization	382/240	375/265; 382/248	Abousleman, Glen Patrick	
US 6111991 A	USPAT	20000829	20000829 Method and apparatus for optimizing quantizer values in an image encoder	382/251	375/240.04; 382/232; 382/238; 382/270	Ribas-Corbera, Jordi et al.	
US 6037986 A	USPAT	20000314	20000314 Video preprocessing method and apparatus with selective filtering based on motion detection	375/240.12	348/699; 375/240.29	Zhang, Ji et al.	
US 6356663 B1	USPAT	20020312	20020312 Processing image signals using spatial decomposition	382/239	382/250	Korta, J. C. et al.	
US 5613015 A	USPAT	19970318	19970318 Image signal analyzing system and coding system	382/173	382/171; 382/176; 382/239; 382/248; 382/251	Suzuki, Kazuhiro et al.	
US 5892847 A	USPAT	199904061	19990406 Method and apparatus for compressing images	382/232	382/233; 382/239; 382/244; 382/248; 382/304	Johnson, Stephen G.	
US 6122402 A	USPAT	20000919	nd Ind Ier using	382/232	382/229; 382/243	Arai, Mitsutoshi et al.	<u> </u>
US 5838310 A	USPAT	19981117 (19981117 Chroma-key signal generator	345/536	348/587; 348/592	Uya, Masaru	1
US 5268754 A	USPAT	199312071	19931207 Method and a device for converting a color coordinate set	358/527	358/500; 358/518; 382/162	Van de Capelle, Jean- Pierre et al.	
US 6654414 B1	USPAT	20031125	20031125 Video conferencing using camera environment panoramas	375/240.01		Narayanaswami, Chandrasekhar	
US 5825917 A	USPAT	19981020	19981020 Region-based image processing method, image processing apparatus and image communication apparatus	382/164	382/166; 382/253	Suzuki, Nobuya	

ort J. et al.	Amit et al.	asuhiro et	u, Dimitris	oseph N.	۲. et al.	Jonathan	пдои	hael	nce A. et	nce A. et
Long, Robert J. et al	Chatterjee, Amit et al.	Fujimori, Yasuhiro et al.	Anastassiou, Dimitris et al.	Romriell, Joseph N	Huang, H. K. et al.	Rosenberg, Jonathan David	Mita, Yoshinobu	Weiss, Mic Joseph	Ray, Lawrence A. et al.	Ray, Lawrence A. et al.
345/592; 345/602; 345/603; 345/634; 715/527	345/597; 345/600; 345/698	348/591; 348/592	348/622	358/1.9; 382/168; 382/232	382/265; 382/275	382/242; 382/243	358/538; 358/539	235/451; 379/93.17 Weiss, Michael Joseph	235/380; 382/233; 382/237	283/904; 705/72; 902/5
345/632	345/605	348/590	348/619	382/246	382/132	382/199	382/284	348/14.06	382/240	713/186
19890509 Graphics system for video and printed images	20020423 Method and apparatus for dynamically changing the color depth of objects displayed in a computer system	19960227 Signal converting apparatus 348/590	19850312 Nonlinear filtering of gray scale images	19981208 Selection of huffman tables for signal encoding	19990511 Automatic background recognition and removal (ABRR) in projection digital radiographic images (PDRI)	19981103 Ternary image templates for 382/199 improved semantic compression	19980106 Image processing apparatus and method having detection of background color and encoding of color image data	Data message storage and transmission using a videophone and smart card	19980310 Method and apparatus for multiple quality transaction card images	19940614 Method and apparatus for credit card verification
19890509	20020423	19960227	19850312	19981208	19990511	19981103	19980106	19981013 Data transı video	19980310	19940614
USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT
US 4829455 A	US 6377272 B1	US 5495297 A	US 4504864 A	US 5848195 A	US 5903660 A	US 5832115 A	US 5706368 A	US 5821983 A	US 5727089 A	US 5321751 A

Kaup, Andre	Ray, Lawrence A. et al.	Vlahos, Paul et al.
348/606; 348/607; Kaup, Andre 382/166; 382/254; 382/275	348/77; 358/1.9; 358/403; 358/447; 358/448; 358/453; 375/240.22; 382/117; 382/118; 382/201	345/600; 348/586; 348/650
382/268	358/452	382/167
20000905 Method and apparatus for 382/268 reducing coding artifacts of block-based image encoding and object-based image encoding	standardized image library	19990525 Method and apparatus for adjusting parameters used by compositing devices
20000905	19961112	19990525
USPAT	USPAT	USPAT
US 6115503 A	US 5574573 A	US 5907315 A

ı